

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-18. (cancelled)

19. (currently amended) ~~Process~~ A process for manufacture of soluble branched polymers of glucose essentially containing no β -glucosidic bonds, wherein:

a) an aqueous solution of starch or of starch derivative of dry matter of at least 1% by weight, preferably 1 to 50% by weight, is subjected to a temperature greater than 130°C, under a pressure of more than 3.5 bars, for at least 2 mins,

b) the starch or starch derivative thus obtained is treated with 50 to 2,000 units of purified branching enzyme at a temperature lying between 25 and 50°C for a duration from 10 mins to 24 hrs, and

c) the branched polymers of glucose thus obtained are collected.

20. (currently amended) ~~Process~~ The process for manufacture of soluble branched polymers of glucose essentially containing no β -glucosidic bonds according to Claim 19, wherein:

a) an aqueous solution of starch or of starch derivative of dry matter of 1 to 50% by weight is subjected to a

temperature lying between 140 and 150°C, under a pressure lying between 4 and 5 bars, for 2 to 5 mins,

b) the starch or starch derivative thus obtained is treated with 50 to 2,000 units of purified branching enzyme at a temperature of 30°C, for a duration from 10 mins to 24 hrs, and

c) the branched polymers of glucose thus obtained are collected.

21. (currently amended) ~~Process~~ The process for manufacture of soluble branched polymers of glucose according to Claim 19, wherein the branching enzyme is selected from the group consisting of glycogen branching enzymes, starch branching enzymes and any mixtures of these enzymes.

22. (currently amended) ~~Process~~ The process for manufacture of soluble branched polymers of glucose according to Claim 19, wherein the branching enzyme is extracted from organisms and/or from microorganisms selected from the group consisting of higher plants, yeasts, bacteria and unicellular algae.

23. (currently amended) ~~Process~~ The process for manufacture of soluble branched polymers of glucose according to Claim 19, wherein the branching enzyme is extracted unicellular algae.

24. (currently amended) ~~Process~~ The process for manufacture of soluble branched polymers of glucose according to Claim 23, wherein the branching enzyme extracted from algae is

obtained by isolation from a genetically modified organism
capable of expressing the said enzyme.

25-30. (cancelled)